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| 09/407,768      | 09/29/1999  | TERUYUKI MARUYAMA    | 0557-4782-2         | 3179             |

22850 7590 12/29/2005

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| EXAMINER |
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ABEL JALIL, NEVEEN

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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2165

DATE MAILED: 12/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                                      |  |  |
|------------------------------|--------------------------------------|--|--|
| <b>Office Action Summary</b> | <b>Application No.</b><br>09/407,768 | <b>Applicant(s)</b><br>MARUYAMA ET AL. |  |
|                              | <b>Examiner</b><br>Neveen Abel-Jalil | <b>Art Unit</b><br>2165                |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 03 October 2005.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 31-56 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 31-56 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

## DETAILED ACTION

### Remarks

1. The Amendment filed on October 3, 2005 has been received and entered. Claims 31-56 are pending.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 31-56 are rejected under 35 U.S.C. 102(e) as being anticipated by Maniwa et al. (U.S. Patent No. 5,768,483).

As to claim 31, Maniwa et al. discloses a filing system in which a data processing apparatus is connected to a file server via a network, comprising:

a data capturing unit provided in the data processing apparatus and configured to capture image data of a document into the data processing apparatus (See column 23, lines 9-21);

a data storing unit configured to store image data in an image storage medium of the data processing apparatus (See column 23, lines 9-21);

an access management unit configured to correlate owner identifications of users who use the data processing apparatus to process the image data, with the stored image data in the image storage medium, to correlate re-use owner identifications of users who are at least one of a user unit and a group unit allowed to retrieve or read the stored image data, with the stored image data in the image storage medium, and to allow the stored image data to be accessed when any of the owner identification or the re-use owner identifications correlated with the stored image data is verified (See column 31, lines 21-30);

a data output unit configured to output the image data in a readable manner by retrieving the stored image data of the image storage medium when the access to the stored image data is allowed by the access management unit (See column 32, lines 17-42);

an owner identification acquiring unit configured to acquire the owner identification and

a re-use owner identification acquiring unit configured to acquire one or more of the re-use owner identifications (See column 28, lines 15-39);

wherein at least one of the owner identification acquiring unit and the re-use owner , identification acquiring unit (See column 28, lines 15-39, and see Figure 2, shows sequenced profiles selectable through a touch screen panel) include:

a list displaying unit configured to display a list of the owner identifications or the re-use owner identifications each containing at least one of user names and user identifiers (See column 32, lines 7-16);

a selection input unit configured to select one of the owner identifications or the re-use owner identifications from among the displayed list (See column 31, lines 21-30); and

a user selection number counting unit configured to count a user selection number for each of the owner identifications or the re-use owner identifications (See Figure 5, shows sequence and count control of profiles);

wherein the access management unit is configured to store the image data from the data capturing unit into the image storage medium, and to correlate each of the owner identifications of the owner identification acquiring unit and the re-use owner identifications of the re-use owner identification acquiring unit with the stored image data each time the image data is stored in the image storage medium (See column 28, lines 15-39);

wherein the list displaying unit (See column 32, lines 7-16) is configured to display a part of the list of the owner identifications or the re-use owner identifications which appear in sequence based on the user selection number counted for each of the owner identifications or the re-use owner identifications by the user selection number counting unit, so that one of the owner identifications or the re-use owner identifications appearing in said sequence is selected from among the displayed list (See Figure 7, shows “own identification acquired in sequence” represented by “profile 1, 2, 3, 4”); and

wherein the data output unit is configured to output the image data in a readable manner by retrieving the stored image of the image storage medium correlated with the, selected one of the owner identifications or the re-use owner identifications (See column 23, lines 40-49).

As to claims 32, and 33, Maniwa et al. discloses a filing system in which a data processing apparatus is connected to a file server via a network, comprising:

a data capturing unit provided in the data processing apparatus and configured to capture image data of a document into the data processing apparatus (See column 23, lines 9-21);

a data storing unit configured to store the captured image data in an image storage medium of the data processing apparatus (See column 23, lines 9-21);

an access management unit configured to correlate owner identifications of users who use the data processing apparatus to process the image data, with the stored image data in the image storage medium, to correlate re-use owner identifications of users who are at least one of a user unit and a group unit allowed to retrieve or read the stored image data, with the stored image data in the image storage medium, and to allow the stored image data to be accessed when any of the owner identifications or the re-use owner identifications correlated with the stored image data is verified (See column 31, lines 21-30);

a data output unit configured to output the image data in a readable manner by retrieving the stored image data of the image storage medium when the access to the stored image data is allowed by the access management unit (See column 32, lines 17-42);

an owner identification acquiring unit configured to acquire the owner identifications (See column 28, lines 15-39); and

a re-use owner identification acquiring unit configured to acquire one or more of the re-use owner identifications (See column 28, lines 15-39);

wherein at least one of the owner identification acquiring unit and the re-use owner identification acquiring unit (See column 28, lines 15-39) include:

a list displaying unit configured to display a list of the owner identifications or the re-use owner identifications each containing at least one of user names and user identifiers (See column 32, lines 7-16); and

a selection input unit configured to select one of the owner identifications or the re-use owner identifications from among the displayed list (See Figure 7, shows “own identification acquired in sequence” represented by “profile 1, 2, 3, 4” on a input panel);

wherein the access management unit is configured to store the image data from the data capturing unit into the image storage medium, and to correlate each of the owner identifications or the owner identification acquiring unit and the re-use owner identifications of the re-use owner identification acquiring unit with the stored image data each time the image data is stored in the image storage medium (See column 28, lines 15-39);

wherein the owner identification acquiring unit and the re-use owner identification acquiring unit are configured to display, when the data capturing unit is provided in the data processing apparatus having at least two of a copying function, a facsimile function (See Figure 2, shows drivers for all the listed functions), a scanning function and a printing function, the list of the owner identifications or the re-use owner identifications on a display screen of the selection input unit of the data processing apparatus in a sequence of selections from the displayed list of the owner identifications of the re-use owner identifications by the selection

input unit, so that one of the owner identifications or the re-use owner identifications displayed in said sequence is selected from among the displayed list (See Figure 7, shows “own identification acquired in sequence” represented by “profile 1, 2, 3, 4”); and

wherein the data output unit is configured to output the image data in a readable manner by retrieving the stored image of the image storage medium correlated with the selected one of the owner identifications or the reuse owner identifications (See column 23, lines 40-49).

As to claim 34, Maniwa et al. discloses wherein the owner identification acquiring unit and the re-use owner identification acquiring unit are configured to acquire a preset owner identification when the data capturing unit is provided in the data processing apparatus having at least one of a copying function, a facsimile function and a scanning function (See Figure 2, shows drivers for all the listed functions) and configured to allow a user to operate the data processing apparatus when the owner identifications or the re-use owner identifications are acquired, and wherein the access management unit is configured to add and/or change the owner identifications or the re-use owner identifications (See column 29, lines 11-41, also see column 31, lines 54-62).

As to claim 35, Maniwa et al. discloses wherein the owner identification acquiring unit and the re-use owner identification acquiring unit are configured to acquire a preset owner identification when the data capturing unit is provided in the data processing apparatus having at least one of a facsimile function and a printing function and configured to inhibit a user from operating the data processing apparatus when a capture inhibition identification is acquired, and



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wherein the access management unit is, configured to add and/or change the owner identifications or the re-use owner identifications (See column 29, lines 11-41, also see column 31, lines 54-62).

As to claim 36, Maniwa et al. discloses wherein the access management unit is configured to use a Web server function to create a Web page configured to set the preset owner identification to thereby allow a client computer, connected to the data processing apparatus via the network, to transmit the Web page with the preset owner identification to the access management unit (See column 23, lines 40-60).

As to claim 37, Maniwa et al. discloses further comprising:

a monitoring /displaying unit configured to monitor an amount of available storage of the image storage medium and to display the amount of available storage (See column 32, lines 17-42),

wherein, when the amount of available storage of the image storage medium is below a lower limit, a warning message indicating a lack of the available storage is displayed (See column 32, lines 17-42).

As to claim 38, Maniwa et al. discloses wherein the data storing unit includes a first storage device of the data processing apparatus and a second storage device of the file server, and wherein the data processing apparatus includes a communication control unit configured to

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transmit the image data, stored in the first storage device, to the second storage device via the network (See column 20, lines 48-58).

As to claims 40, and 45, Maniwa et al. discloses wherein the data processing apparatus has at least two of a copying function, a facsimile function, a scanning function, and a printing function (See Figure 2, shows drivers for all functions listed in claim).

As to claims 41, 45, 50, and 54, Maniwa et al. discloses wherein the access management unit is configured to add and/or change the owner identifications or the re-use owner identifications (See column 18, lines 43-48).

As to claims 42, 47, 51, and 55, Maniwa et al. discloses wherein the owner identification acquiring unit is configured to acquire a preset owner identification when the owner identifications or the re-use owner identifications cannot be acquired (See column 18, lines 49-59), and

wherein the access management unit is configured to use a Web server function to create a Web page configured to set the preset owner identification to thereby allow a client computer, connected to the printing device via the network, to transmit the Web page with the preset owner identification to the access management unit (See column 18, lines 1-15, wherein “preset owner identification” reads on “profile”).

As to claims 43, 48, and 52, Maniwa et al. discloses wherein each of the owner identifications or the re-use owner identifications contains at least one of user names and user identifiers (See column 28, lines 29-46).

As to claims 39, and 44, Maniwa et al. discloses a printing device which is connected to a file server via a network, the printing device comprising:

a data capturing unit provided in the printing device and configured to capture image data of a document into the printing device (See column 23, lines 9-21);

a data storing unit configured to store the captured image data in an image storage medium of the printing device (See column 23, lines 9-21);

an access management unit configured to correlate owner identifications of users who use the printing device to process the image data, with the stored image data in the image storage medium, to correlate re-use owner identifications of users who are allowed to retrieve or read the stored image data, with the stored image data in the image storage medium, and to allow the stored image data to be accessed when any of the owner identifications or the re-use owner identifications correlated with the stored image data is verified (See column 31, lines 21-30);

a data printing unit configured to print the image data on a printing medium by retrieving the stored image data of the image storage medium when the access to the stored image data is allowed by the access management unit and an owner identification acquiring unit configured to acquire the owner identifications or the re-use owner identifications (See column 32, lines 17-42);

wherein the access management unit is configured to store the image data from the data capturing unit into the image storage medium, and to correlate each of the owner identifications or the re-use owner identifications of the owner identification acquiring unit with the stored image data each time the image data is stored in the image storage medium (See column 28, lines 15-39);

wherein the owner identification acquiring unit includes:

a list displaying unit configured to display a list of the owner identifications or the re-use owner identifications (See column 32, lines 7-16); and

a selection input unit configured to select one of the owner identifications or the re-use owner identifications from among the displayed list so that the owner identifications or the re-use owner identifications are acquired in a sequence of selections from the displayed list of the owner identifications or the re-use owner identifications by the selection input unit and one of the owner identifications or the re-use owner identifications acquired in said sequence is selected from among the displayed list (See Figure 7, shows “own identification acquired in sequence” represented by “profile 1, 2, 3, 4”); and

wherein the data printing unit is configured to print the image data on the printing medium by retrieving the stored image of the image storage medium correlated with the selected one of the owner identifications or the re-use owner identifications (See column 23, lines 40-49).

As to claim 49, Maniwa et al. discloses a filing system in which a data processing apparatus having at least two of a copying function, a facsimile function, a scanning function and a printing function is connected to a file server via a network, the filing system comprising:

a data capturing unit provided in the data processing apparatus and configured to capture image data of a document into the data processing apparatus (See column 23, lines 9-21);

a data storing unit configured to store the captured image data in an image storage medium of the data processing apparatus (See column 23, lines 9-21);

an access management unit configured to correlate owner identifications of users who use the data processing apparatus to process the image data, with the stored image data in the image storage medium, to correlate re-use owner identifications of users who are allowed to retrieve or read the stored image data, with the stored image data in the image storage medium, and to allow the stored image data to be accessed when any of the owner identifications or the re-use owner identifications correlated with the stored image data is verified (See column 31, lines 21-30);

a data output unit configured to output the image data in a readable manner by retrieving the stored image data of the image storage medium when the access to the stored image data is allowed by the access management unit (See column 32, lines 17-42); and

an owner identification acquiring unit configured to acquire the owner identifications or the re-use owner identifications (See column 28, lines 15-39);

wherein the access management unit is configured to store the image data from the data capturing unit into the image storage medium, and to correlate each of the owner identifications or the re-use owner identifications of the owner identification acquiring unit with the stored image data each time the image data is stored in the image storage medium (See column 32, lines 8-16);

wherein the owner identification acquiring unit includes:

a list displaying unit configured to display a list of the owner identifications or the re-use owner identifications (See column 8, lines 46-67); and

a selection input unit configured to select one of the owner identifications or the re-use owner identifications from among the displayed list so that the owner identifications or the re-use owner identifications are acquired in a sequence of selections from the displayed list of the owner identifications or the re-use owner identifications by the selection input unit and one of the owner identifications or the re-use owner identifications acquired in said sequence is selected from among the displayed list (See Figure 7, shows “own identification acquired in sequence” represented by “profile 1, 2, 3, 4”); and

wherein the data output unit is configured to output the image data in a readable manner by retrieving the stored image of the image storage medium correlated with the selected one of the owner identifications or the re-use owner identifications (See column 23, lines 40-49).

As to claim 53, Maniwa et al. discloses a printing device which has at least two of a copying function, a facsimile function, a scanning function and a printing function and is connected to a file server via a network, the printing device comprising:

a data capturing unit provided in the printing device and configured to capture image data of a document into the printing device (See column 23, lines 9-21);

a data storing unit configured to store the captured image data in an image storage medium of the printing device (See column 23, lines 9-21);

an access management unit configured to correlate owner identifications of users who use the printing device to process the image data, with the stored image data in the image storage

medium, to correlate re-use owner identifications of users who are allowed to retrieve or read the stored image data, with the stored image data in the image storage medium, and to allow the stored image data to be accessed when any of the owner identifications or the re-use owner identifications correlated with the stored image data is verified (See column 27, lines 53-67);

a data printing unit configured to print the image data on a printing medium by retrieving the stored image data of the image storage medium when the access to the stored image data is allowed by the access management unit (See column 32, lines 17-42) ; and

an owner identification acquiring unit configured to acquire the owner identifications or the re-use owner identifications (See column 28, lines 15-39);

wherein the access management unit is configured to store the image data from the data capturing unit into the image storage medium, and to correlate each of the owner identifications or the re-use owner identifications of the owner identification acquiring unit with the stored image data each time the image data is stored in the image storage medium (See column 32, lines 1-16);

wherein the owner identification acquiring unit (See column 28, lines 29-46) includes:

a list displaying unit configured to display a list of the owner identifications or the re-use owner identifications (See column 8, lines 46-67); and

a selection input unit configured to select one of the owner identifications or the re-use owner identifications from among the displayed list so that the owner identifications or the re-use owner identifications are acquired in a sequence of selections from the displayed list of the owner identifications or the re-use owner identifications by the selection input unit and one of the owner identifications or the re-use owner identifications acquired in said sequence is selected

from among the displayed list (See Figure 7, shows “own identification acquired in sequence” represented by “profile 1, 2, 3, 4”); and

wherein the data printing unit is configured to print the image data on the printing, medium by retrieving the stored image of the image storage medium correlated with the selected one of the owner identifications or the re-use owner identifications (See column 23, lines 40-49).

### *Response to Arguments*

4. Applicant's arguments with respect to claims 31-56 have been considered but are moot in view of the new ground(s) of rejection.

### *Conclusion*

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.



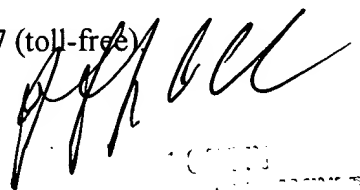
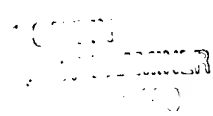
6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Takahashi et al. (U.S. Patent No. 6,424,429 B1) teaches setting user ID for multi propose machine.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neveen Abel-Jalil whose telephone number is 571-272-4074. The examiner can normally be reached on 8:30AM-5:30PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey A. Gaffin can be reached on 571-272-4146. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Neveen Abel-Jalil  
December 26, 2005